Title (en)

COLUMN COMPRISING A FLUID INLET DEVICE

Title (de)

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Title (fr)

COLONNE COMPRENANT UN DISPOSITIF D'ALIMENTATION EN FLUIDE

Publication

EP 1255597 A1 20021113 (EN)

Application

EP 01911657 A 20010216

Priority

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Abstract (en)

[origin: WO0160478A1] A fluid inlet device (10) for introducing a mixture of liquid and gas into a column provided with an inlet nozzle (5) and with a horizontal gas/liquid contact tray (20) arranged in the column below the inlet nozzle (5) provided with a number of elongated downcomers (21-26) between which bubbling areas (29) are located, which inlet device (10) comprises an inlet end (31) that is in fluid communication with the inlet nozzle (5) and a number of vertical vanes (35-38) placed one behind the other, wherein each vane (35-38) comprises two interconnected parts, an intercepting part (35'-38') and an outwardly directed deflecting part (35''-38''), wherein the intercepting part (35'-38') extends to the inlet end (31) of the inlet device (10), and wherein an outlet channel defined by the deflecting parts of two adjacent vanes opens above a bubbling area (29) of the contact tray (20).

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